

CLINICAL NEWS CONGRESS

AMERICAN COLLEGE OF SURGEONS

Founded by Surgeons of the United States and Canada, 1913

SAN FRANCISCO, TUESDAY, OCTOBER 7, 1969

Regents State College Policy on Publicity, Human Experimentation

The following statement on human experimentation and the public disclosure of results was issued by the Board of Regents when it met on Oct. 4 in the Gold Room at the Fairmont:

Human experimentation tests the confidence of the public in the medical profession, and calls for deliberate action to insure against such confidence being undermined. The manner in which discoveries are made public likewise reflects the wisdom and conscience of professional direction behind the work reported. It is vital that the progress of worthwhile research not be exposed to the adverse reactions which a loss of confidence among the lay public would produce.

Recent increased activity in organ transplantation and the use of artificial organs has compounded the complexity of the ethical problems and the relations with communication media. The management of publicity related to new operative procedures is inseparably bound to the code of ethics governing all clinical trials.

The requirement of animal studies as an essential prelude to application of new techniques in patients is well recognized. It is also well established that experimental projects involving human beings, including untried surgical procedures, must be approved by special administrative mechanisms. Institutions in which such research is undertaken must have local committees to define and apply the regulations governing each project. The guidelines established by the National Institutes of Health in the United States and the Medical Research

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At Sunday's briefing session in the press room David C. Sabiston, Jr., Durham, tells about the research to be presented this week at the Surgical Forum. In center (l-r) are unidentified science writer; Bill Hines, Chicago (Sun Times); Gobind Lal, San Francisco (San Francisco Chronicle); and Ralph Dighton, Los Angeles (AP). In lower left-hand corner is Art Snider, Chicago (Daily News). Dr. Sabiston is Forum chairman.

Young Surgical Investigators Present Promising Results of Animal Studies at Surgical Forum

Thymosin, a cell-free extract of calf thymus, potentiates the effect of rabbit antimmune lymphocyte serum (RAMLS) when given with it, presumably by mobilizing thymus-dependent circulating lymphocytes and rendering them more susceptible to RAMLS, a group of investigators from Harvard Medical School and the Albert Einstein College of Medicine reported Monday at the Forum on Fundamental Surgical Problems.

When given after RAMLS, thymosin reversed the effects of serum by stimulating differentiation of stem cells into immunologically competent lymphocytes.

The authors believe the studies are relevant clinically because thymosin can potentiate ALS. Thymosin also may increase immunological competence in patients with infections due to over-immunosuppression.

The authors are Jerome Quint, Riverdale, N.Y., Mark A. Hardy, and Anthony P. Monaco, Boston.

A new method for preparing immunoelectrophoretically pure horse antihuman antilymphoblast globulin was outlined by a group of in-

vestigators from the University of Minnesota Medical School.

The purified ALG has been shown to be immunosuppressive in human beings receiving skin allografts. There was no clinical sensitization and antibody titers were low or absent. Small lymphocytes were depressed to one-third their normal values, whereas hemoglobin and platelet counts remained unchanged.

Authors are Allan W. Moberg, Henry Gewurz, Richard L. Simmons, Audolfur Gunnarsson, Frederick Merkel and John S. Najarian, Minneapolis.

A safe and rapid method of completely removing early burn eschar using the principle of air blasting was described by a group from the Medical College of South Carolina.

Third-degree burn eschar was removed within 24 hours after injury in young white Hampshire pigs through impelling air-driven crushed and non-crushed ceramic spheres from a fluidized bed with compressed air.

The rapidity of debridement varies with gun nozzle size, air pressures and particle size.

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FREE SHUTTLE BUS

A private shuttle bus just for registrants will make a free, non-stop round trip every 15 minutes today between the San Francisco Hilton and the Civic Auditorium and between the Fairmont and the Auditorium.

This transportation is free to all wearing the official badge of the Congress.

Each morning through Friday the chartered bus will depart from the main entrance of the Fairmont and of the Hilton in time to get registrants to the first session in the Auditorium.

The last trip from the Auditorium will be made at 5:45 p.m.

Trauma Is Subject of Oration, Papers, Movies

Sir Frank Holdsworth, consultant orthopedic surgeon, the Royal Infirmary, Sheffield, England, will deliver the Scudder Oration on Trauma this afternoon at 1:30 P.M. in the War Memorial Auditorium. He will speak on "Achievements and Problems in the Treatment of Trauma."



Sir Frank Holdsworth
Orator

Immediately following his oration, the Symposium on Trauma will be held at the same location. Thomas B. Quigley, Boston, will preside at this discussion devoted to sports injuries. He will be joined by seven other authorities who will each undertake a specific topic related to the general subject area.

Also on Tuesday from 9 A.M. to 12 noon, with a repeat showing on Thursday at the same time, will be shown a group of 5 motion pictures billed as the "Trauma Special."

Sir Frank for many years has had a special interest in orthopedic surgery, with special emphasis on the management of trauma to the skeletal system. Based in Sheffield, England, he began his work on fracture and fracture-dislocation of the spine in 1937. This led, in 1955, to the establishment of the Sheffield Spinal Injuries Unit.

In Sheffield, Sir Frank also stabilized and systematized the postgraduate training of all young surgeons, no matter what the specialty. His contribution in this field merited his current appointment to the chairmanship of the Royal College of Surgeons Committee on the Training of Surgeons.

College Policy on Publicity Stated

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Council in Canada in regard to human experimentation have been generally and widely accepted by clinical investigators and must be considered as the accepted standards of practice.

These guidelines stipulate the following as general conditions for approval of a project:

1. The procedures to be carried out must be fully described, with indications of risks and mechanism for protecting the patient.

2. That the risks to the subject are outweighed by the potential benefit to him or by the importance of the knowledge to be gained.

3. The patient does not abdicate his rights by consenting to participate in a research project. Withdrawal of consent can be made at any time. He has the right to feel secure, to receive proper professional care, and to be free from embarrassment and discomfort.

4. Continuing surveillance must be guaranteed. Alteration in the protocol which has been accepted previously by the local committee must be reviewed before the changes are authorized.

The Board of Regents supports the principle of a guarantee that every stage of clinical research shall be clearly approved by a committee or a group of knowledgeable individuals charged with a systematic study of any project involving human experimentation. This principle constitutes a safeguard not only for the human subjects involved in such research but also for the investigator himself. This responsibility must be accepted by every school of medicine or hospital and every person concerned with such activities, regardless of the source of the supporting funds.

As a natural extension of such responsibility, the most satisfactory basis for the early disclosure of results of clinical experiments, performed under systematic institutional control, is the release of information through mechanisms

under an authority similar to that responsible for governing the trials. Community hospitals should consult local medical societies for the best method of disseminating selected information through acceptable channels. Medical schools and teaching hospitals should maintain their own committees from the professional staff to govern the release of information.

The Board of Regents recommends the adoption of such institutional mechanisms for the control of publicity related to clinical research. The Board condemns the personal release to the public media of the results of operations and other professional discoveries by individual surgeons as being contrary to the spirit of its stated position with regard to personal publicity. Institutional committees should indicate clearly that any individual who speaks concerning a specific project is the designated official spokesman for the institution from which the public statement emanates. This policy allows early release of important information, while protecting the surgeons concerned against charges of unprofessional conduct.

Despite the institutional relationships, an individual surgeon can never be absolved from professional responsibility for his own actions in relation to human experimentation and the discreet disclosure of results.

Student May Be Youngest Ever to Participate in Congress

Richard G. Robinson, 20-year-old pre-medical student from Lynbrook, N.Y., may be the youngest program participant ever to address an annual meeting of the American College of Surgeons. Mr. Robinson is a junior at Oberlin College. A new method for diagnosing experimental abscesses in rabbits through the use of radioactive isotopes was the subject of a report he made yesterday at the Forum on Fundamental Surgical Problems. Mr. Robinson helped to develop this procedure in the research laboratories of the Hospital for Joint Diseases and Medical Center affiliated with Mt. Sinai Medical School in New York City.



Mr. Robinson

Maximo Deysine and Joseph Wilder, director of surgery at the hospital and professor of surgery at the school, are co-authors with Mr. Robinson.

Robinson described the various stages of the project, beginning with the problem of creating an inflammation that would not also be fatal to the research animal. Work began on rats and progressed to rabbits because their larger size made it easier to experiment with them and the data more significant.

Sulfamylon Delays Healing, Scientists Tell Forum

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Histological sections have shown no damage to normal tissue or ceramic debris in the sub-epithelial layer.

The study was presented by Thomas S. Hargest, Max S. Rittenbury and Curtis P. Artz, Charleston, S.C.

Preceding the above paper was a presentation on the delay in wound healing caused by topical sulfamylon. Histology and radioautography showed necrotizing and abortive effects on 3 major cellular participants: (1) The advancing epithelial sheet which normally cleaves devitalized from healthy tissue and which forms a roof for dermal repair; (2) a stream of thin fibroblasts which mediates the interdigitation of the original transected collagen fibers with the granulation tissue; and (3) plump, collagen-forming fibroblasts which form the main bulk of the granulation tissue.

Authors were Juanito B. Billotte, Robert J. K. Koumans, Erik A. Guthy, John D. Constable and John F. Burke, Boston.

A study showing that duodenal membrane transfers, and not pancreatic juice, is the essential factor for neutralization of gastric acid was presented by Charles R. King and Paul R. Schloerb, of the University of Kansas.

Measuring gastrin in the gastrointestinal mucosa of the dog and the human by radioimmunoassay, a team from the Harbor General Hospital, Torrance, and the University of California, Los Angeles, found small to negligible concentration of gastrin in the fundus, duodenum, jejunum, ileum or colon. Gastrin concentrations in the antral mucosa of puppies under 2 weeks of age were less than those found in adult dogs.

The study was conducted by A. Crane Charters, David D. Reeder and James C. Thompson.

Operation on Emergency Patient Will Be Telecast From S.F. General

A real surprise is in store at 10 A.M. today for viewers in Polk Hall when some kind of "acute surgical problem" which presents at San Francisco General Hospital will be operated on by F. William Blaisdell.

A true emergency, the case cannot be identified here.

Various types of acute abdominal emergencies, blunt trauma, and, in recent years, a large number of penetrating injuries resulting from crimes of violence are seen in great numbers at the San Francisco General, says Dr. Blaisdell, chief surgeon, and director of the television program at this Congress.

At 2 P.M., one of two patients currently awaiting adrenalectomy will be explored by Thomas K. Hunt, assistant chief of surgery, San Francisco General Hospital. Using trans-abdominal approach, Dr. Hunt will demonstrate his method for exposure of both adrenal glands and localization of the tumor.

"These tumors are frequently only 1 to 2 mm. in size," says Dr. Blaisdell, and "may present considerable challenge in localization."

Dr. Biglieri Presents Case

The clinical study center at the S.F. General Hospital, which is under the direction of Edward G. Biglieri, who will present Dr. Hunt's case, has been in the forefront the last six years in investigating aldosterone-producing adrenal tumors. More than 50 such tumors have been discovered.

The key to diagnosis has been clinical suspicion, based on hypertension and electrolyte abnormalities. Such a diagnosis is confirmed by direct measurement of the kidney's aldosterone secretion, Dr. Biglieri says.

Dr. Hunt's patient will be a 36-year-old white woman who is a secretary.

Among the experts who will discuss the emergency case at 10 will be Rudolf J. Noer, director of surgery, Louisville General Hospital, also renowned for its stature as an emergency hospital.

Panelists will be Arthur Cohen, San Francisco; Fraser N. Gurd, Toronto; and Robert J. Freeark, Chicago. (In the leaflet distributed by television sponsors Johnson & Johnson, Ethicon, Inc., and Codman & Shurtleff, Robert J. Baker, Chicago, is named as a panelist. Dr. Freeark will take his place on the program.)

Vascular insufficiency as manifested by gangrene of the foot will result in the below-the-knee amputation and immediate fitting of

Governors, Chapter Presidents Register For Congress



prosthesis which will be performed at 3:30 this afternoon by Wesley S. Moore. He will demonstrate his own technique for below-the-knee amputation for vascular disease.

His patient is a 68-year-old white male who entered the S.F. General Hospital with a three-week history of progressive ulceration, infection and gangrene involving the toes of his left foot. The patient has had no prior history suggestive of vascular insufficiency of the lower extremities and no episodes of intermittent claudication.

He has been a diabetic for 15 years, requiring 35 units NPH of insulin daily.

"The immediate fitting of a prosthesis is a relatively new development which has taken place in the past six years," observes William R. Waddell, Denver, chairman, A.C.S. television programs, "in contrast to the former usual 2 to 3 months which elapsed before the prosthesis was fitted."

Participants not named in the official *Program* will be James Yee and William Berger, both resident surgeons at S.F. General Hospital, who will present the first and third cases, respectively.

Visit S-143 at Scientific Exhibition

Combined radiation and surgery for advanced carcinoma of larynx and laryngopharynx is the subject of Scientific Exhibit S-143 in Brooks Hall. The exhibitors are Joseph L. Goldman, John R. Ryan, William H. Friedman and Bruce S. Bloom, of the Mount Sinai School of Medicine, New York.

This exhibit received the Hektoen Bronze Medal at the A.M.A. meeting this year.

International Cancer Congress Will Meet in Houston, May 22-29, 1970

A visit to Booth S-42 in the Scientific Exhibition section of Brooks Hall at the Civic Auditorium will serve to remind all Congress attendees that the Tenth International Cancer Congress will be held in Houston, Texas, May 22-29, 1970, under the auspices of the International Union Against Cancer, Geneva, Switzerland.

Hosts to the event will be The University of Texas M. D. Anderson Hospital and Tumor Institute, Houston, and the National Academy of Sciences. Headquarters for the Congress will be the Houston Civic Center. Approximately 8,000 physicians and scientists from 70 nations are expected to attend.

According to booth staffers Sally Peevy and Alan Scott of Houston, there will be a \$15 jump in Congress registration fees after December 1, 1969. If paid before that date, the fee for members is \$40 (U.S.) and for associate members \$20 (U.S.). After that, the prevailing rate will be \$55 and \$35, respectively.

Murray M. Copeland, vice president of the M. D. Anderson Hospital and Tumor Institute, is secretary-general of the Congress. He is a former chairman—and now advisor to the chairman—of the College's Commission on Cancer.

Official Jewelry Is At Booth 220

Cuff links, lapel emblems, watches and a number of other accessories which bear the College's official seal are displayed by Morgan's Inc. at Booth 220 at the Civic Auditorium.

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Treatment of Varicose Veins Is Subject of Movie In New Series Produced by D & G for this Congress

Varicose Veins, the lead-off presentation in today's series of six Ciné Clinic film showings to be screened in the Main Arena of the Civic Auditorium, between 8:30 A.M. and 12:30 P.M., will present the basic aspects of physiologic background for the treatment of varicose veins. In it, basic safeguards and critical points of technical value will be demonstrated. The film is the work of Wiley F. Barker, Los Angeles.

Eighteen such Ciné Clinic films have been especially produced for the Clinical Congress by Davis & Geck Department, American Cyanamid Company, Danbury, Conn. Each is a brief, to-the-point documentary in color. In addition to this morning's scheduled showings, six others are to be shown on Wednesday, with a final six slated for Thursday.

The second in this morning's group of documentaries, *Abdominal Hysterectomy*, the work of David N. Danforth, Chicago, illustrates the manner of access to left broad ligament, enucleation and retraction of fibroid, and amputation of uterus, to gain exposure for removal of cervix.

Other Ciné showings on today's program demonstrate a simplified technique for transduodenal sphincteroplasty and pancreatography; depict a somewhat different technique in radical pneumonectomy for carcinoma of lung; show the resuscitative and diagnostic approach in the management of patients with abdominal injury; and explore some of the newer techniques in the diagnosis of hyperparathyroidism.

Changes in Programming

Two changes in programming should be noted. The film, *Partial Ileal Bypass Operation for Hypercholesterolemia*, by Henry Buchwald and Richard L. Varco, Minneapolis, and scheduled originally for showing today, will be shown, instead, on Thursday morning at 8:30 A.M.—and not in the number-four spot as listed in the Davis & Geck program.

Its place in today's line-up of showings is being taken by *Treatment of Abdominal Trauma*, a documentary by J. Bradley Aust and H. David Root, San Antonio. Dr. Root will provide the narration instead of Dr. Aust, as originally scheduled.

On Wednesday, in addition to the film showings, a special feature of the morning's program will be the presentation of commemorative plaques to each of the surgeon authors participating in this year's Ciné Clinic. Charles T. Riall, director of professional relations, Davis & Geck Department, American Cyanamid Company, will officiate.

During this week of Clinical Congress, also, a continuing motion picture exhibition will be run daily. These films, on a variety of subjects, will be shown each day in Larkin Hall of the Civic Auditorium, Monday through Friday, but the times of the showings will vary from day to day. The printed Congress program, and the Davis & Geck motion picture program, give the specific time schedules.

Two other special film programs slated for today are one dealing with ophthalmic surgery, to be shown in the California Room, Jack Tar Hotel, from 2 P.M. to 4 P.M., and a series depicting the specialty of otolaryngology, to be shown in the Room of the Dons, Mark Hopkins Hotel, from 1:30 P.M. to 3 P.M.

The name of David J. Davis, Jackson, Miss., should be added to those of Thomas L. Kilgore and James D. Hardy as authors of the film entitled *Swenson and Duhamel Operations for Hirschsprung's Disease*, which is one of the group on pediatric surgery which will be shown Thursday afternoon in Larkin Hall.

Second Aux, Go to Hopkins

Tuesday is still day of the Second Auxiliary Surgical Unit's party, but the place has been changed to Room 1510 at the Mark Hopkins for cocktails at 6:30 today and to the Room of the Dons, at the Hopkins also, for dinner at 8:30. If at all possible, make reservations with Walter Byers in Room 1510. If you arrive in town too late to reserve a place, says President Paul C. Samson, come anyway.

This is a radical change of place from notice in Monday's *Clinical Congress News*. Ignore that, won't you?

Indiana Chapter

The Indiana Chapter will meet at breakfast, 7:30 to 9, Wednesday, in the Davenport Room at the St. Francis Hotel. J. E. Arrata, Ft. Wayne, Ind., is in charge.

Matthew Walker Banquet

Anyone interested in obtaining a ticket to the Matthew Walker Club's banquet Wednesday can contact Louis Bernard, Nashville, at the National Medical Association luncheon Tuesday at the Hilton. The Walker Banquet will also be in the Hilton, but on Wednesday at 6, says Edward Reed, Memphis. The banquet will be in Continental Ballroom VII.

Dr. Wade's Party Is Today

New York Hospital graduates are invited by Preston A. Wade for cocktails in Room 1010 at the Fairmont from 5:30 to 7:30 today.

North Carolinians

The North Carolina surgical alumni will convene for cocktails today at 5:30 in Suite 1807 at the Sir Francis Drake, says Colin G. Thomas, Jr., Chapel Hill, N.C.

Case Western on Wednesday

Case Western Reserve U. medical alumni, Pauline M. Dunn says, are to congregate for cocktails Wednesday at S.F. Hilton's California Room, 5:30 to 7:30. Miss Dunn can be found at the alumni registration area in the Civic Auditorium. Society editor regrets that her copy in Monday's *News* wasn't clear.

Chicago U. Alumni Wednesday

University of Chicago alumni are to be reminded, Katherine Wolcott says, that their reception Wednesday is to be at 6, and dinner at 7, both in the Borgia Room at the St. Francis. Miss Wolcott can be found either in the medical alumni registration area outside the Main Arena in the Civic Auditorium or at the St. Francis, Room 1071.

Washington U. Party Now at Clift

Washington U. alumni, Audrey Wingfield says, will have their party on Wednesday at the Clift Hotel in Room D, 5:30 to 7:30. Monday's *C. C. News* said Washington alumni would be in the Hopkins's Room of the Dons, but that isn't so.

